

# Notice No.5

## Rules and Regulations for the Classification of Special Service Craft July 2016

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately. Please note that paragraphs, Tables and Figures are not shown in their entirety.

Issue date: June 2017

Amendments to	Effective date	Mandatory Instrument
Part 1, Chapter 2, Section 6	1 July 2017	NA
Part 1, Chapter 3, Section 6	1 July 2017	NA
Part 1, Chapter 3, Section 10	1 July 2017	X
Part 1, Chapter 4, Section 5	1 July 2017	NA

## Part 1, Chapter 2 Classification Regulations

### ■ Section 6

#### **Type Approval/Type Testing/Quality control system**

##### **6.1 LR Type Approval — Marine Applications**

6.1.2 The LR Type Approval System is a process whereby a product is assessed in accordance with a specification, standard or code to check that it meets the stated requirements and through selective testing demonstrates compliance with specific performance requirements. The testing is carried out on a prototype or randomly selected product(s) which are representative of the manufactured product under approval. Thereafter, the ~~producer~~ manufacturer applying for LR Type Approval certification is required to ~~use Quality Control procedures and processes to ensure that each item delivered is in conformity with that which has been Type Tested~~ demonstrate the effective implementation of a quality assurance system. This will be assessed by LR through a Production Quality Assurance (PQA) assessment as defined in the Lloyd's Register Type Approval System Procedure TA14. The PQA assessment is specific to Lloyd's Register Type Approval.

6.1.5 LR Type Approval is subject to the understanding that the ~~producer's~~ manufacturer's recommendations and instructions for the product and any relevant requirements of the ~~Rules for the Classification of Special Service Craft~~ *Rules and Regulations for the Classification of Special Service Craft, July 2016, incorporating Notice No.1, 2, 3 & 4* are fulfilled.

6.1.6 The ~~producer~~ manufacturer supplying equipment or components under ~~Quality Control procedures and processes~~ the system for production quality assurance (PQA) *see Pt 1, Ch 2, 6.1 LR Type Approval – Marine Applications 6.1.2* is to have a recognized quality management system ~~certified by an IACS member or Notified Body that is acceptable to LR. The Quality Control procedures and processes~~ system for production quality assurance ~~are to address the production of the product consistent with is to meet the requirements of~~ *Pt 1, Ch 2, 6.3 Quality Control System* Lloyd's Register Type Approval System Procedure TA14.

##### **6.3 Quality control system**

6.3.1 ~~A quality control system for the purposes of LR acceptance of materials and machinery refers to a scheme that covers the operational techniques and activities that is used to demonstrate that the quality requirements for a product are in accordance with declared standards.~~

6.3.2 ~~The quality control system for a particular product extends to all parties involved in the supply chain from manufacture and testing through to delivery of the product.~~

6.3.3 ~~LR acceptance of machinery and equipment manufactured under a quality control system is dependent on the scheme PQA being maintained through a traceable process involving planned audits and spot inspections at the discretion of LR Surveyors. The purpose of the audits and spot inspections is to ensure that the procedures for manufacture and quality control are being maintained in a satisfactory manner.~~

6.3.4 ~~The use of a quality control system does not remove the requirements for inspection processes that may be required by the Rules applicable to the equipment being supplied with a manufacturer's certificate. Also the use of a quality control system does not remove the requirement for plan appraisal of equipment or systems where required by the Rules.~~

## Part 1, Chapter 3 Periodical Survey Regulations for Service Craft

### ■ Section 6

#### **Special Survey - Thickness measurement requirements for steel craft**

##### **6.1 General**

6.1.3 Thickness measurements are normally to be taken by means of ultrasonic test equipment ~~and~~. For vessels less than 500 gross tons and all fishing vessels, a suitably qualified exclusive Surveyor (where available) may carry out thickness measurements. On all other occasions, thickness measurements are to be carried out by a firm approved in accordance with LR's *Approval for Thickness Measurement of Hull Structures*.

~~6.1.4 The degree of supervision or check testing by the Surveyor is dependent upon the grade of approval extended to the firm carrying out the thickness measurements.~~

~~(a) The work of firms having Grade 1 approval is subject to check testing by the Surveyor.~~

~~(b) Thickness measurements by firms having Grade 2 approval is to be carried out with the Surveyor substantially in attendance.~~

*Existing paragraphs 6.1.5 to 6.1.7 have been renumbered 6.1.4 to 6.1.6.*

## ■ Section 10 Electrical equipment

### 10.1 Annual and Intermediate Surveys

10.1.2 Where the craft is fitted with harmonic filters, the harmonic distortion level is to be measured annually and after any modification to the craft electrical distribution system or associated consumers. As a minimum, harmonic distortion measurements are to be taken at the main busbar under seagoing conditions, as close to the annual survey as possible, and readings are to be recorded when the greatest amount of distortion is indicated, by suitably qualified and trained personnel. Records are to include which equipment was running and the filters that were in service, and these records are to be made available to the attending Surveyor on request.

~~40.1.2~~ 10.1.3 The requirements of *Pt 1, Ch 3, 2.2 Annual Surveys 2.2.14* and *Pt 1, Ch 3, 3.2 Intermediate Surveys 3.2.4* are to be complied with as far as applicable.

## Part 1, Chapter 4 Periodical Survey Regulations for Yachts

## ■ Section 5 Special Survey - Thickness measurement requirements for steel yachts

### 5.1 General

5.1.3 Thickness measurements are normally to be by means of ultrasonic test equipment ~~and are to be carried out by a firm qualified as Grade 1 or Grade 2 according to LR's *Approval for Thickness Measurement of Hull Structures* or by the Surveyor.~~ For vessels less than 500 gross tons a suitably qualified exclusive Surveyor (where available) may carry out thickness measurements. On all other occasions, thickness measurements are to be carried out by a firm approved in accordance with LR's *Approval for Thickness Measurement of Hull Structures*.

~~5.1.4 The degree of supervision or check testing by the Surveyor is dependent upon the grade of approval extended to the firm carrying out the thickness measurements:~~

~~(a) The work of firms having Grade 1 approval is subject to check testing by the Surveyor.~~

~~(b) Thickness measurements by firms having Grade 2 approval is to be carried out with the Surveyor substantially in attendance.~~

*Existing paragraphs 5.1.5 to 5.1.7 have been renumbered 5.1.4 to 5.1.6.*

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